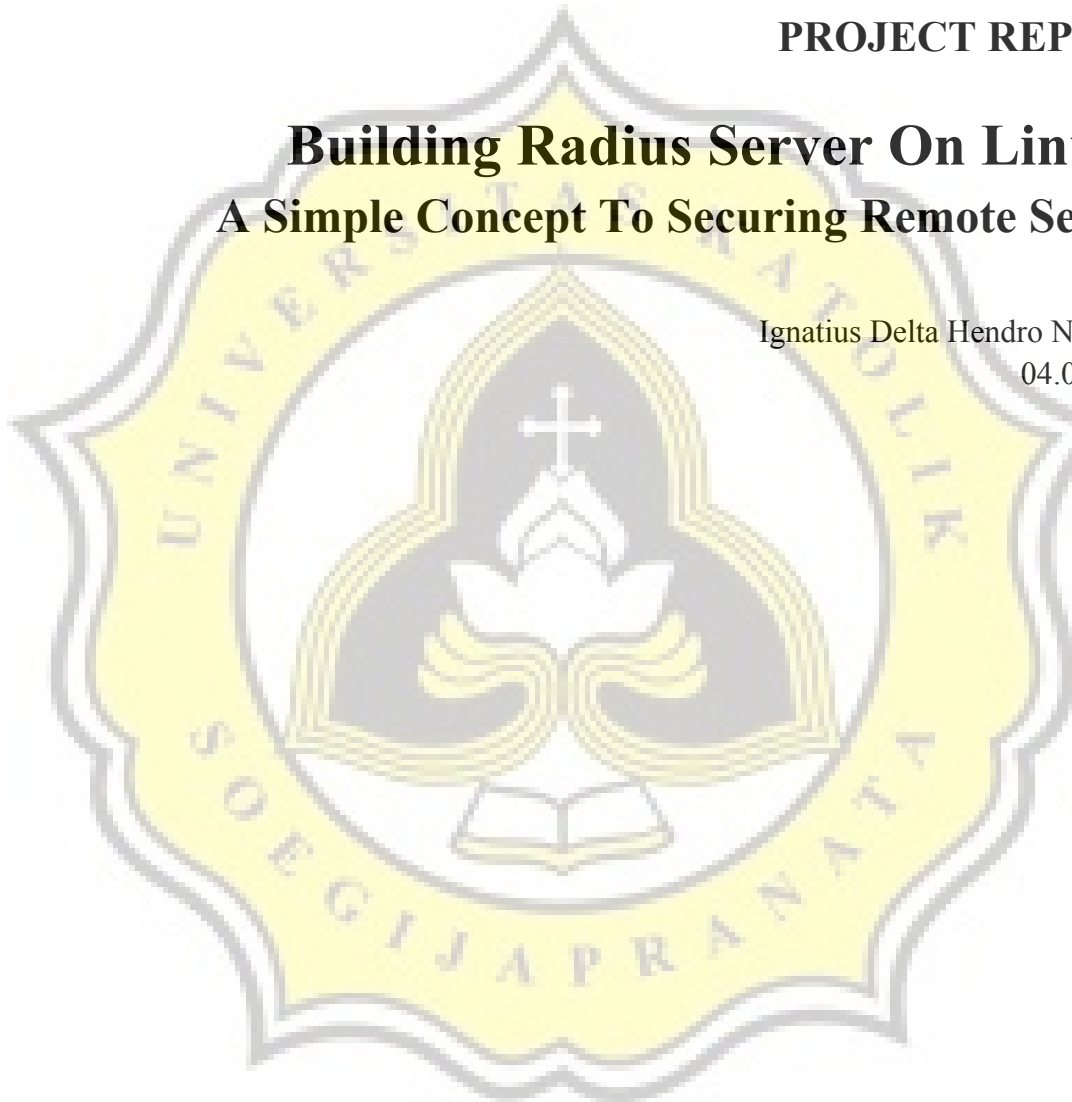




## PROJECT REPORT

# **Building Radius Server On Linux : A Simple Concept To Securing Remote Server**

Ignatius Delta Hendro Nugroho  
04.02.0020  
2009



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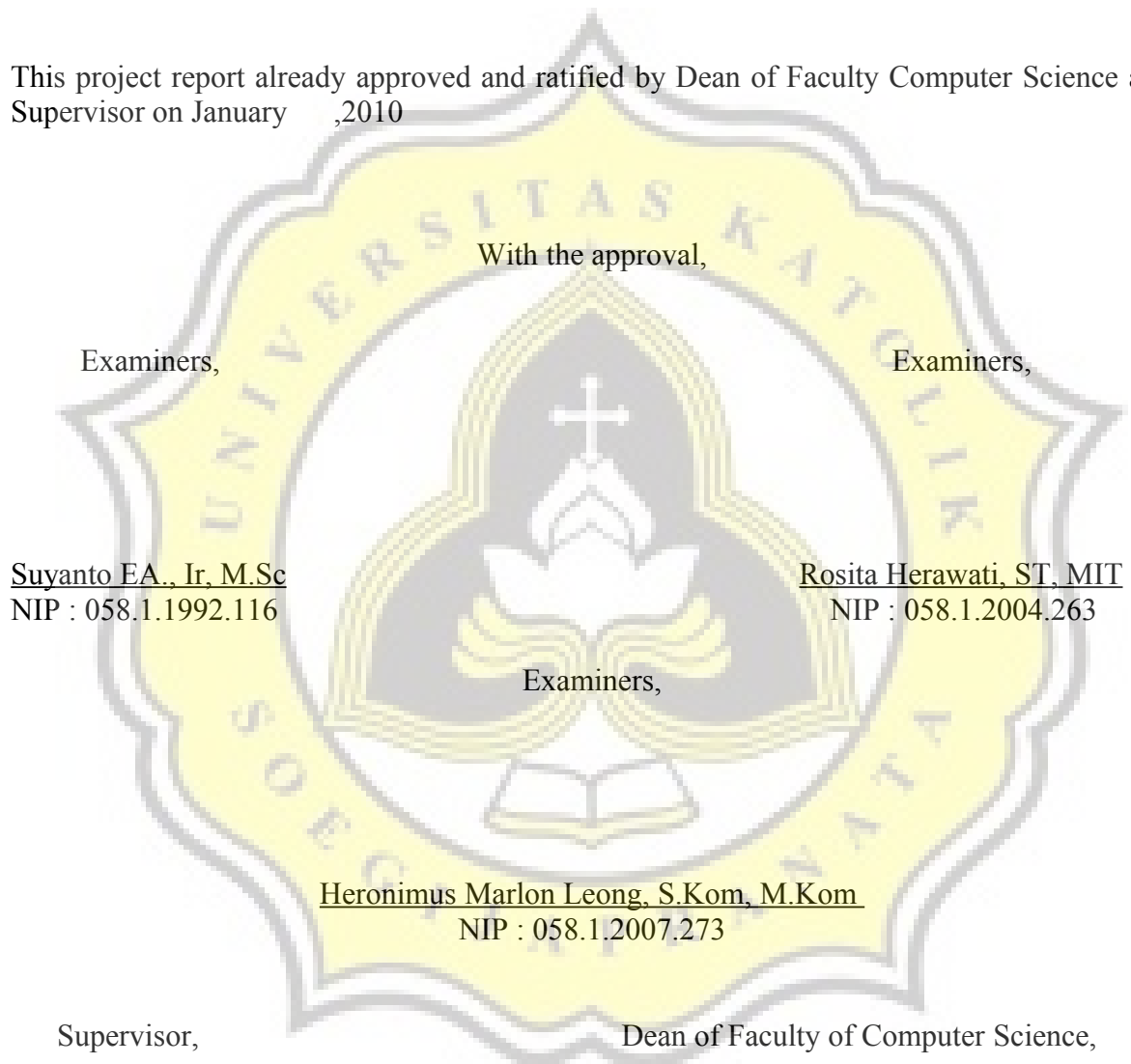
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# APPROVAL AND RATIFICATION PAGE

## PROJECT REPORT BUILDING RADIUS SERVER ON LINUX : A Simple Concept To Securing Remote Server

This project report already approved and ratified by Dean of Faculty Computer Science and Supervisor on January ,2010



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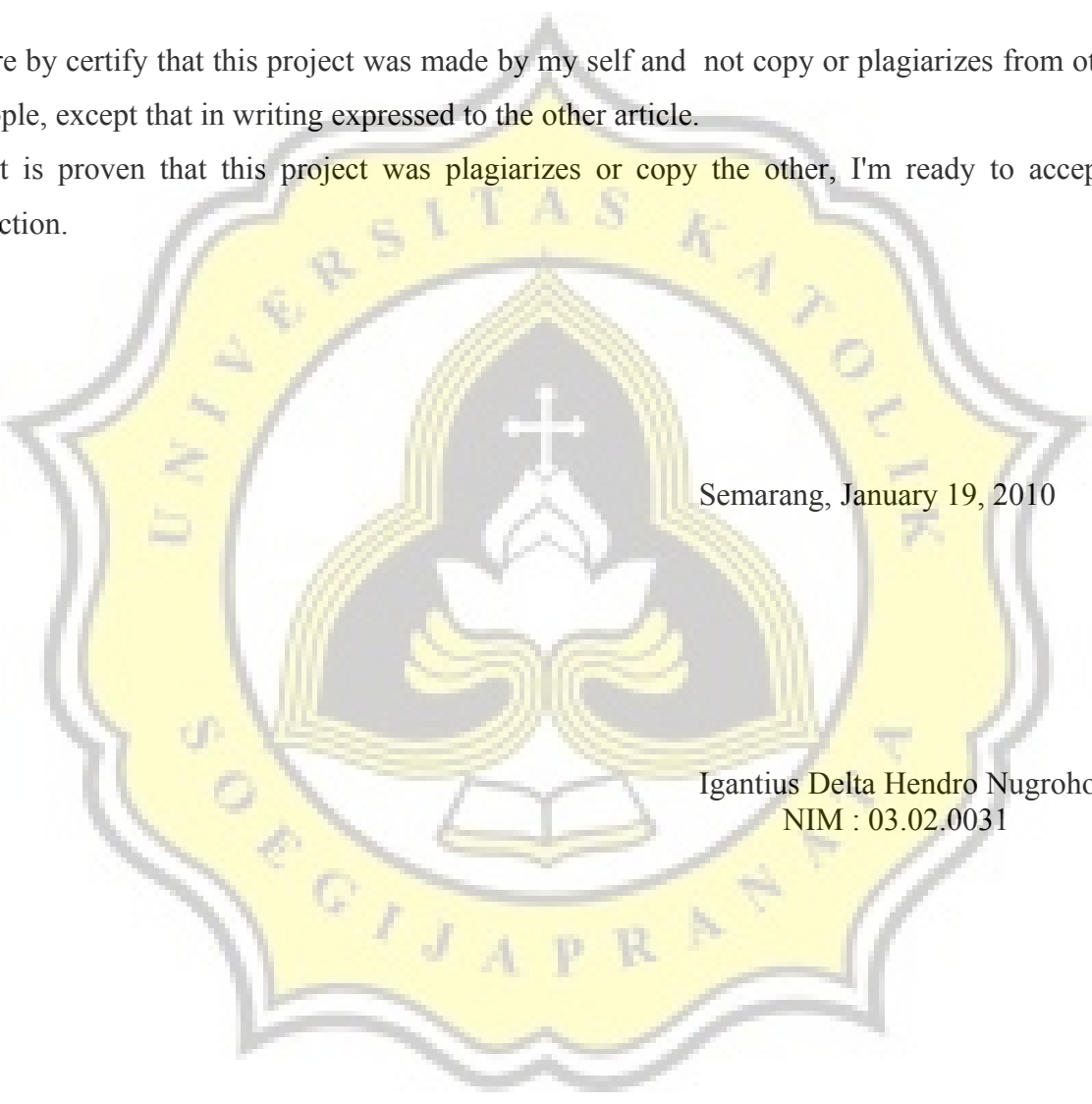
# STATEMENT

I, the undersigned:

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Here by certify that this project was made by my self and not copy or plagiarizes from other people, except that in writing expressed to the other article.

If it is proven that this project was plagiarizes or copy the other, I'm ready to accept a sanction.



Semarang, January 19, 2010

Ignatius Delta Hendro Nugroho  
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# FOREWORD

With blessing, guidance and support from God therefore we can solve by lack and imperfect this final project.

And in this opportunity, I would like to thanks :

- My Lord and my saviour, Jesus Christ that give me faith, courage, hope, and wisdom to finish this project.
- My parents, my older brother and older sister who always give me support.
- Suyanto EA., Ir, M.Sc, as the lecturer and our supervisor of Faculty of Computer Science for teaching us and give us lot of knowledge while I'm studied in Faculty of Computer science, and patiently does ever lead us in each requirement and handicap.
- And all of our lecturer and staff who we can't spell it one by one. You all always in our heart and mind since have formed us in such a way face as a "human" who live in reality not in fantasy.
- All our kith one struggle already joins battle to stand up with all sweat and straggly tear. Already mutually backs up deep fond and also distress, downcast and also pleasingly, benefit and also loss, outgrow and also little. We had same fight come unto last aim for can be finished with pride.
- The 4<sup>th</sup> Cavalery Teams. Hanny Maeda Hasnani, Yohan Kurniawan, Veronica Gratiawati. Thank you very much since we make a abode to become strong group, and comradeship we will remain ever be strong to the death. Thank you also since always gives support, advise, help, and expectation that do ever be at while most difficult deep a part it.
- Person who always loves us no stop along time. already give its feel and according and as supporting we are faithful the most. Because of them we still feel equal fight to the last.
- All of our friends who can't say name it one by one.
- Finally, I would like to apologize if the project is still many shortcomings. I look forward to suggestions and criticism.

Semarang, January 19<sup>th</sup>, 2010

Ignatius Delta Hendro Nugroho

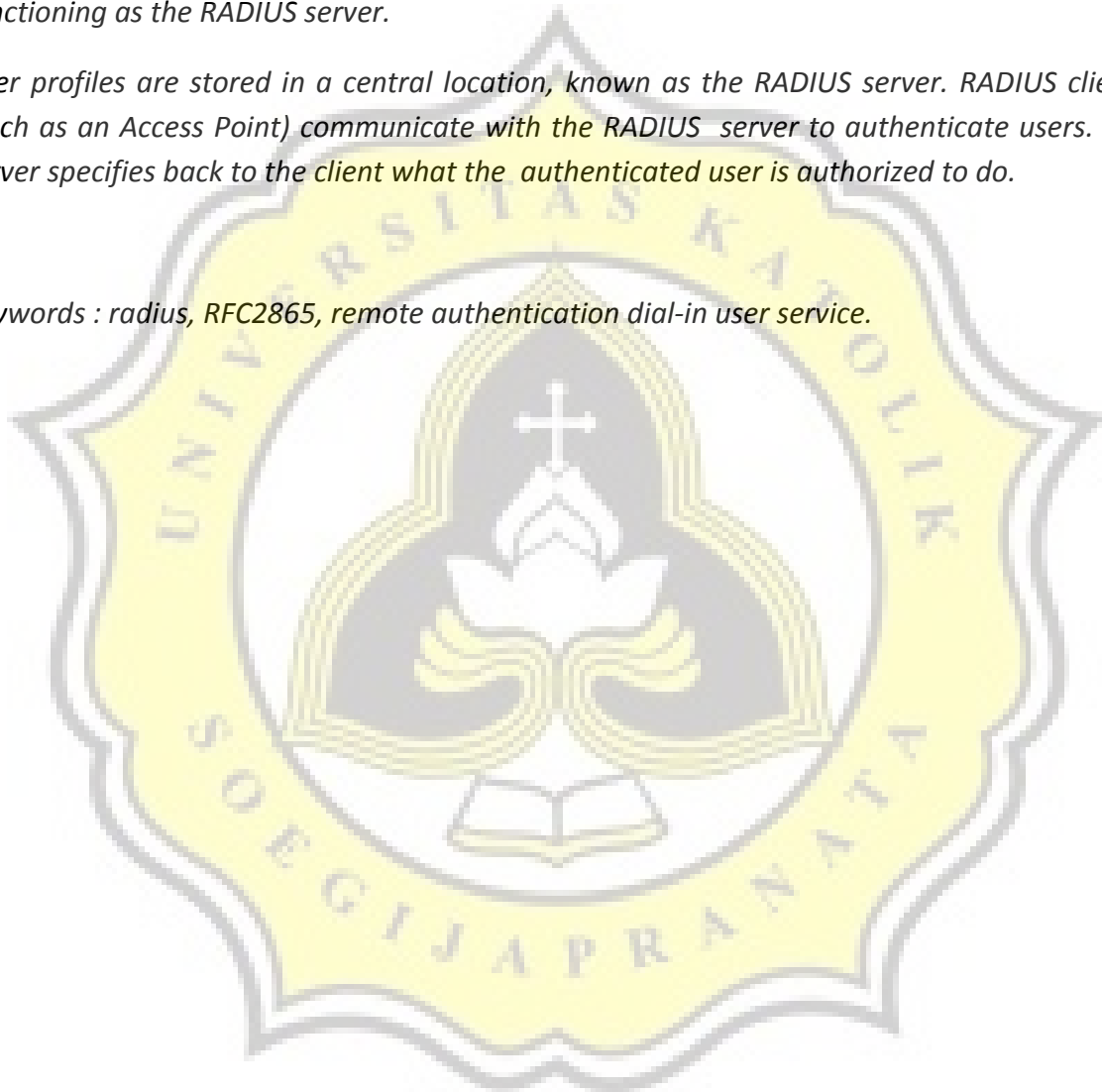
## ABSTRACT

*The Remote Authentication Dial-In User Service (RADIUS) is a client/server remote user management.*

*In networks, security information can be scattered throughout the network on different devices. RADIUS allows user information to be stored on one host, minimizing the risk of security holes. All authentication and access to network services is managed by the host functioning as the RADIUS server.*

*User profiles are stored in a central location, known as the RADIUS server. RADIUS clients (such as an Access Point) communicate with the RADIUS server to authenticate users. The server specifies back to the client what the authenticated user is authorized to do.*

*Keywords : radius, RFC2865, remote authentication dial-in user service.*



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